

FEATURE COMPARISON CHART



Part			MOTOTRBO PORTAB					E RADIOS				MOTOTRBO MOBILE RADIOS			
Part			DP1000 SERIES	DP2000 SERIES					DP3441	SL S	ERIES	DM1000 SERIES			
Part			1	<u>14</u> 14				لي لي		4	4				
Part						101				CHEST		100,1			
Martin			DP1400	DP2400 DP2600		DP4600/ DP4601	DP4800/ DP4801	DP4401 Ex DP4801 Ex	DP3441	SL1600		DM1400	DM1600 DM26		
The control of the c								GENERAL	SPECIFICATION	S					
Part	Protocol	DMR or analogue communications		Analogue/Digital		Analogue/Digital		Analogue/Digital	Analogue/Digital	Analogue/Digital	Digital Only	Analogue/Digita	I Analogue	Digital Analogue/Digital	
March Mar	Frequency	Capable of operating in the following frequency ranges		UHF: 403-527MHz		UHF: 403-527MHz	łz				UHF: 403-470MHz			74MHz UHF: 403-470MHz, 450-527MHz	
Marie Mari	· · · · · · · · · · · · · · · · · · ·				22					2W(an) / 3W(dig)					
March Mar										Single line scrolling					
Manufactor Man	Keypad	Keypads provide access to radio controls, texting and telephony		No Menu buttons	No		Full Keypad			No			nu buttons Menu bu		
Mathematical Math				No No	Vec ¹³		Ves ¹³			No No	No No	No No			
Martin M				No	163		163			No	No	No	No		
Marie Name				No						No	No	No	No		
Part										No No		No No	No		
Marie Mari	· ·			No						No		No	No		
March Marc	Programmable Buttons	Allow access to most often used features with one press	2	2 4	3	5	5	3 5	2	1 ⁹	2	2	4 4	4	
Mathematic						Yes				Yes	Yes		Yes	Yes	
## 1										Yes			Yes	Yes	
Marie Mar	MDC Signalling	Analogue MDC compatible	Yes					Yes	Yes	Yes	No				
March September Septembe					Ne		Voe			No					
Control From Cont					No		Yes			No No			Yes Yes		
Manual Section Manu				No						No		No	Yes	-	
March Marc						Yes				No	No	No Voc	No	Yes	
The State of th						Yes				Yes	Yes No	Yes No	Yes	Yes No	
March Marc				Yes		Yes				No	Yes	Yes	Yes	Yes	
## 1										No	No				
March Marc										No No					
Propose Prop										No			No		
Company Comp															
Billight sizes Assess treating sound leaded to believe sound readed to bel															
Month Control Month Cont	Simonolona (Holgin)	r nyorat neight	ioog	crog	ooog	1209	1209				roog	g	1101		
Section Market	Intelligent Audio	Automatic volume control based on background noise levels	No	Yes		Yes					Voc	No		Yes	
Busin Notes Water Water			No	V/				Yes	Yes		163	140	Yes		
Manual Residual Part Manual Residual Part Manual Residual Part Manual Residual Part Manual		Padio can initiate a Emergency call process				Yes		Yes	Yes	No	Yes	No	Yes	Yes	
Auto-Description Processor Support Proce			Yes			Yes		Yes Yes	Yes Yes		Yes Yes	No Yes	Yes Yes	Yes Yes	
Part	Remote Monitor	Initiates emergency if user does not respond to periodic alerts	Yes Yes	Yes Yes		Yes Yes Yes		Yes Yes Yes	Yes Yes Yes	Yes	Yes Yes Yes	No Yes Yes	Yes Yes Yes	Yes Yes Yes	
Apply proposed first Management Appl	VOX (supported on radio)	Initiates emergency if user does not respond to periodic alerts Radio can remotely activate another radio's microphone Voice activated calling allows handsfree operation	Yes Yes Decode Only Yes	Yes Yes Decode Only Yes Yes		Yes Yes Yes Yes Yes		Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes	Yes Decode Only	Yes Yes Yes Yes Yes Yes	No Yes Yes Decode Only Yes	Yes Yes Yes Yes	Yes Yes Yes Yes Yes	
Varies Alert Vari	VOX (supported on radio) Audio Feedback Suppressor	Initiates emergency if user does not respond to periodic alerts Radio can remotely activate another radio's microphone Voice activated calling allows handsfree operation Blocks feedback from other radios to eliminate "howling"	Yes Yes Decode Only Yes No	Yes Yes Decode Only Yes Yes Yes Yes	No	Yes Yes Yes Yes Yes	Vec	Yes Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes	Yes Decode Only Yes	Yes Yes Yes Yes Yes Yes Yes Yes	No Yes Yes Decode Only Yes No	Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes	
Page Feedback Plants Malify present Enterpress Page Pag	VOX (supported on radio) Audio Feedback Suppressor Freeform Text Messaging	Initiates emergency if user does not respond to periodic alerts Radio can remotely activate another radio's microphone Voice activated calling allows handsfree operation Blocks feedback from other radios to eliminate "howling" User can enter and send free-form text messages	Yes Yes Decode Only Yes No No	Yes Yes Decode Only Yes Yes Yes No	No	Yes Yes Yes Yes Yes	Yes	Yes	Yes Yes Yes Yes Yes Yes Yes No	Yes Decode Only Yes No	Yes Yes Yes Yes Yes Yes Yes Yes Yes	No Yes Yes Decode Only Yes No	Yes Yes Yes Yes Yes Yes Yes No	Yes	
Transmit interrupt Decode Action transmissions can be interrupted by elementary flowers Vest	VOX (supported on radio) Audio Feedback Suppressor Freeform Text Messaging Pre-programmed Text Messaging Vibrate Alert	Initiates emergency if user does not respond to periodic alerts Radio can remotely activate another radio's microphone Voice activated calling allows handsfree operation Blocks feedback from other radios to eliminate "howling" User can enter and send free-form text messages Radio can send pre-programmed text messages Vibrate silently alerts the user to an incoming call	Yes Yes Decode Only Yes No No No Yes No	Yes Yes Decode Only Yes Yes Yes Yes No Yes No	No	Yes Yes Yes Yes Yes Yes Yes Yes No	Yes	Yes	Yes Yes Yes Yes Yes Yes Yes Yes No	Yes Decode Only Yes No Yes No	Yes	No Yes Yes Decode Only Yes No No No Yes	Yes Yes Yes Yes Yes Yes Yes Yes No	Yes	
Principal Numbers Easier Principal Select can insurring transmissions from order ratios No Option Yes	VOX (supported on radio) Audio Feedback Suppressor Freeform Text Messaging Pre-programmed Text Messaging Vibrate Alert Covert Mode	Initiates emergency if user does not respond to periodic alerts Radio can remotely activate another radio's microphone Voice activated calling allows handsfree operation Blocks feedback from other radios to eliminate "howling" User can enter and send free-form text messages Radio can send pre-programmed text messages Vibrate silently alerts the user to an incoming call Disable display, LEDs and audible tones for ultimate discretion	Yes Yes Decode Only Yes No No No Yes No	Yes Yes Decode Only Yes Yes Yes No Yes No No No	No	Yes Yes Yes Yes Yes Yes Yes No No	Yes	Yes	Yes Yes Yes Yes Yes Yes Yes No No	Yes Decode Only Yes No Yes No No No	Yes	No Yes Yes Decode Only Yes No No No Yes No	Yes Yes Yes Yes Yes Yes Yes No No	Yes Yes Yes Yes Yes Yes Yes Yes Yes No	
Relataced Privacy MOTO/180 (Bels) encryption for more related prefection No Option Yes Yes Yes No Option No	VOX (supported on radio) Audio Feedback Suppressor Freeform Text Messaging Pre-programmed Text Messaging Vibrate Alert Covert Mode Digital Telephone Patch	Initiates emergency if user does not respond to periodic alerts Radio can remotely activate another radio's microphone Voice activated calling allows handsfree operation Blocks feedback from other radios to eliminate "howling" User can enter and send free-form text messages Radio can send pre-programmed text messages Vibrate silently alerts the user to an incoming call Disable display, LEDs and audible tones for ultimate discretion Ability to connect to telephone system (requires additional hardware)	Yes Yes Decode Only Yes No No No Yes No No No	Yes Yes Decode Only Yes Yes Yes No Yes No Option	No	Yes Yes Yes Yes Yes Yes Yes No Yes No No No Yes	Yes	Yes	Yes Yes Yes Yes Yes Yes Yes Yes No No No Yes	Yes Decode Only Yes No Yes No No No No	Yes	No Yes Yes Decode Only Yes No No No Yos No No No	Yes Yes Yes Yes Yes Yes Yes No No Optic	Yes	
Advanced Encryption	VOX (supported on radio) Audio Feedback Suppressor Freeform Text Messaging Pre-programmed Text Messaging Vibrate Alert Covert Mode Digital Telephone Patch Transmit Interrupt Decode Transmit Interrupt Encode	Initiates emergency if user does not respond to periodic alerts Radio can remotely activate another radio's microphone Voice activated calling allows handsfree operation Blocks feedback from other radios to eliminate "howling" User can enter and send free-form text messages Radio can send pre-programmed text messages Vibrate silently alerts the user to an incoming call Disable display, LEDs and audible tones for ultimate discretion Ability to connect to telephone system (requires additional hardware) Radio transmissions can be interrupted by other radios Radio can interrupt transmissions from other radios	Yes Yes Decode Only Yes No No No Yes No No Yes No No No No No No	Yes Yes Decode Only Yes Yes Yes No No Yes No Option Yes Option	No	Yes Yes Yes Yes Yes Yes Yes No Yes No Yes No No No Yes Yes	Yes	Yes	Yes Yes Yes Yes Yes Yes Yes No Yes No Yes No Yes Yes Yes Yes Yes	Yes Decode Only Yes No Yes No No No No No Yes No	Yes	No Yes Yes Decode Only Yes No No No Yes No No Yes No No No No No	Yes Yes Yes Yes Yes Yes Yes No No Yes No Optic	Yes	
Personal Miles Note Amongomental Australia confirmation of subscried operations of this ration Yes Y	VOX (supported on radio) Audio Feedback Suppressor Freeform Text Messaging Pre-programmed Text Messaging Vibrate Alert Covert Mode Digital Telephone Patch Transmit Interrupt Decode Transmit Interrupt Encode Basic Privacy	Initiates emergency if user does not respond to periodic alerts Radio can remotely activate another radio's microphone Voice activated calling allows handsfree operation Blocks feedback from other radios to eliminate "howling" User can enter and send free-form text messages Radio can send pre-programmed text messages Vibrate silently alerts the user to an incoming call Disable display, LEDs and audible tones for ultimate discretion Ability to connect to telephone system (requires additional hardware) Radio transmissions can be interrupted by other radios Radio can interrupt transmissions from other radios MOTOTRBO 16-bit encryption for protection against eavesdropping	Yes Yes Decode Only Yes No No No Yes No No No No No No No Yes No No Yes No Yes	Yes Yes Pecode Only Yes Yes Yes No Yes No Option Yes Option Yes	No	Yes Yes Yes Yes Yes Yes Yes No Yes No No Yes Yes Yes Yes	Yes	Yes	Yes Yes Yes Yes Yes Yes Yes No Yes No Yes No No Yes Yes Yes Yes	Yes Decode Only Yes No Yes No No No No Yes No Yes No Yes No Yes	Yes	No Yes Yes Decode Only Yes No No No Yes No No Yes No No No No No No No Yes	Yes Yes Yes Yes Yes Yes Yes No Yes No Optic Yes Optic	Yes	
Rest Pass	VOX (supported on radio) Audio Feedback Suppressor Freeform Text Messaging Pre-programmed Text Messaging Vibrate Alert Covert Mode Digital Telephone Patch Transmit Interrupt Decode Transmit Interrupt Encode Basic Privacy Enhanced Privacy	Initiates emergency if user does not respond to periodic alerts Radio can remotely activate another radio's microphone Voice activated calling allows handsfree operation Blocks feedback from other radios to eliminate "howling" User can enter and send free-form text messages Radio can send pre-programmed text messages Vibrate silently alerts the user to an incoming call Disable display, LEDs and audible tones for ultimate discretion Ability to connect to telephone system (requires additional hardware) Radio transmissions can be interrupted by other radios Radio can interrupt transmissions from other radios MOTOTRBO 16-bit encryption for protection against eavesdropping MOTOTRBO 40-bit encryption for more robust protection	Yes Yes Decode Only Yes No No No Yes No Yes No No	Yes Yes Yes Decode Only Yes Yes Yes No Yes No Option Yes Option Yes Option	No	Yes Yes Yes Yes Yes Yes Yes No Yes No Yes No Yes Yes Yes Yes Yes Yes	Yes	Yes	Yes Yes Yes Yes Yes Yes Yes No Yes No Yes No No Yes Yes Yes Yes Yes Yes	Yes Decode Only Yes No Yes No No No No No Yes No No Yes No	Yes	No Yes Yes Decode Only Yes No No No Yes No No Yes No	Yes Yes Yes Yes Yes Yes Yes No Optic Yes Optic Yes	Yes	
Ratio Management Outer Land Air Organization and code joil or management Yes	VOX (supported on radio) Audio Feedback Suppressor Freeform Text Messaging Pre-programmed Text Messaging Vibrate Alert Covert Mode Digital Telephone Patch Transmit Interrupt Decode Transmit Interrupt Encode Basic Privacy Enhanced Privacy AES256 Encryption Default Voice Announcement	Initiates emergency if user does not respond to periodic alerts Radio can remotely activate another radio's microphone Voice activated calling allows handsfree operation Blocks feedback from other radios to eliminate "howling" User can enter and send free-form text messages Radio can send pre-programmed text messages Vibrate silently alerts the user to an incoming call Disable display, LEDs and audible tones for ultimate discretion Ability to connect to telephone system (requires additional hardware) Radio transmissions can be interrupted by other radios Radio can interrupt transmissions from other radios MOTOTRBO 16-bit encryption for protection against eavesdropping MOTOTRBO 40-bit encryption for more robust protection Advanced Encryption Standard (AES) 256-bit encryption Audible confirmation of selected operations of the radio	Yes Yes Decode Only Yes No No Yes No No Yes No No No No No No Yes No No Yes No Yes No Yes No Yes	Yes Yes Yes Decode Only Yes Yes No Yes No Option Yes Option Yes Option Yes Option No Yes	No	Yes Yes Yes Yes Yes Yes Yes No Yes No No Ses Yes Yes Yes Yes Yes Yes Yes Yes Yes	Yes	Yes	Yes Yes Yes Yes Yes Yes Yes No Yes No No Yes No Yes	Yes Decode Only Yes No Yes No No No No Yes No No Yes No Yes No Yes No Yes No Yes	Yes	No Yes Yes Decode Only Yes No No No Yes No No No No No No No No No Yes No Yes No Yes	Yes Yes Yes Yes Yes Yes Yes No Yes No Optic Yes Optic Yes Optic No	Yes	
Operation Air Programming OTAP Restricted Access to System Prevents unsubstrated users from communicating through the repeater Yes	VOX (supported on radio) Audio Feedback Suppressor Freeform Text Messaging Pre-programmed Text Messaging Vibrate Alert Covert Mode Digital Telephone Patch Transmit Interrupt Decode Transmit Interrupt Encode Basic Privacy Enhanced Privacy AES256 Encryption Default Voice Announcement Programmable Voice Announcement	Initiates emergency if user does not respond to periodic alerts Radio can remotely activate another radio's microphone Voice activated calling allows handsfree operation Blocks feedback from other radios to eliminate "howling" User can enter and send free-form text messages Radio can send pre-programmed text messages Vibrate silently alerts the user to an incoming call Disable display, LEDs and audible tones for ultimate discretion Ability to connect to telephone system (requires additional hardware) Radio transmissions can be interrupted by other radios Radio can interrupt transmissions from other radios MOTOTRBO 16-bit encryption for protection against eavesdropping MOTOTRBO 40-bit encryption for more robust protection Advanced Encryption Standard (AES) 256-bit encryption Audible confirmation of selected operations of the radio t Ability to use customised recordings for voice announcements	Yes Yes Decode Only Yes No No No Yes No No No No Yes No No Yes No Yes No Yes No Yes No Yes Yes Yes	Yes Yes Yes Decode Only Yes Yes Yes No Yes No Option Yes Option Yes Option No Yes Option Yes Option Yes Option Yes Option Yes Option Yes	No	Yes Yes Yes Yes Yes Yes Yes No Yes No No Yes	Yes	Yes	Yes Yes Yes Yes Yes Yes Yes No Yes No No Ses Yes Yes Yes Yes Yes Yes Yes Yes Yes Option Yes Yes	Yes Decode Only Yes No Yes No No No No No No Yes No No Yes No Yes No Yes Yes Yes Yes	Yes	No Yes Yes Decode Only Yes No No No Yes No No No No No No No No No Yes No No Yes No Yes No Yes No Yes	Yes Yes Yes Yes Yes Yes Yes No Optic Yes Optic Yes Optic No Yes Yes Yes Optic No Yes	Yes	
Radio Enable Place Service Mandown Sintance personnel safety by monitoring movement No No No No No No No N	VOX (supported on radio) Audio Feedback Suppressor Freeform Text Messaging Pre-programmed Text Messaging Vibrate Alert Covert Mode Digital Telephone Patch Transmit Interrupt Decode Transmit Interrupt Encode Basic Privacy Enhanced Privacy AES256 Encryption Default Voice Announcement Programmable Voice Announcement Text-to-Speech Voice Announcement	Initiates emergency if user does not respond to periodic alerts Radio can remotely activate another radio's microphone Voice activated calling allows handsfree operation Blocks feedback from other radios to eliminate "howling" User can enter and send free-form text messages Radio can send pre-programmed text messages Vibrate sitently alerts the user to an incoming call Disable display, LEDs and audible tones for ultimate discretion Ability to connect to telephone system (requires additional hardware) Radio transmissions can be interrupted by other radios Radio can interrupt transmissions from other radios MOTOTRBO 16-bit encryption for protection against eavesdropping MOTOTRBO 40-bit encryption for more robust protection Advanced Encryption Standard (AES) 256-bit encryption Audible confirmation of selected operations of the radio t Ability to use customised recordings for voice announcements tt Radio "reads out" Channel, Zone, Functions, Text Messages, Job Tickets	Yes Yes Yes Decode Only Yes No No No Yes No No No Yes No No Yes No Yes No Yes No Yes No No	Yes Yes Yes Decode Only Yes Yes Yes No No Option Yes Option Yes Option No Yes Option Yes Option No Yes Option No Yes	No	Yes Yes Yes Yes Yes Yes Yes No No Yes No No Yes	Yes	Yes Yes Yes Yes Yes Yes Yes Yes No No No No Yes	Yes Yes Yes Yes Yes Yes Yes No Yes No No Ses Yes Yes Yes Yes Yes Yes Yes Yes Yes Option Yes Yes Option	Yes Decode Only Yes No Yes No No No No No Yes No Yes No Yes No Yes No No No	Yes	No Yes Yes Decode Only Yes No No No Yes No No No No No No Yes No No Yes No Yes No No Yes No No No No No Yes No	Yes Yes Yes Yes Yes Yes Yes No No Optic Yes Optic Yes Optic No Yes No	Yes	
Integrated Mandown Enhance personnel safety by monitoring movement No	VOX (supported on radio) Audio Feedback Suppressor Freeform Text Messaging Pre-programmed Text Messaging Vibrate Alert Covert Mode Digital Telephone Patch Transmit Interrupt Decode Transmit Interrupt Encode Basic Privacy Enhanced Privacy AES256 Encryption Default Voice Announcement Programmable Voice Announcement Text-to-Speech Voice Announcement Radio Management Over the Air Programming (OTAP)	Initiates emergency if user does not respond to periodic alerts Radio can remotely activate another radio's microphone Voice activated calling allows handsfree operation Blocks feedback from other radios to eliminate "howling" User can enter and send free-form text messages Radio can send pre-programmed text messages Vibrate silently alerts the user to an incoming call Disable display, LEDs and audible tones for ultimate discretion Ability to connect to telephone system (requires additional hardware) Radio transmissions can be interrupted by other radios Radio can interrupt transmissions from other radios MOTOTRBO 16-bit encryption for protection against eavesdropping MOTOTRBO 40-bit encryption for more robust protection Advanced Encryption Standard (AES) 256-bit encryption Audible confirmation of selected operations of the radio thilly to use customised recordings for voice announcements Radio "reads out" Channel, Zone, Functions, Text Messages, Job Tickets Centralised radio configuration and code plug management Remote, over-air programming using Radio Management	Yes Yes Decode Only Yes No No Yes No No Yes No No Yes No Yes No Yes No Yes No Yes No	Yes	No	Yes Yes Yes Yes Yes Yes Yes No Yes No No Yes	Yes	Yes	Yes Yes Yes Yes Yes Yes Yes No No Yes No No Yes Yes Yes Yes Yes Yes Yes Option Yes Yes Yes Yes Yes	Yes Decode Only Yes No Yes No No No No Yes No No Yes No Yes No Yes No No Yes No	Yes	No Yes Yes Decode Only Yes No No No Yes No No No No No Yes No Yes No Yes No Yes No No Yes No No No No Yes No No No No No No No No Yes No	Yes Yes Yes Yes Yes Yes Yes No Yes No Optic Yes Optic Yes Optic Yes No Yes Yes Yes Yes Yes Yes Yes Yes No Yes	Yes	
Dual Capacity Direct Mode Fixed Installation Mobile radios can be used in a fixed installation such as a control room N/A	VOX (supported on radio) Audio Feedback Suppressor Freeform Text Messaging Pre-programmed Text Messaging Vibrate Alert Covert Mode Digital Telephone Patch Transmit Interrupt Decode Transmit Interrupt Decode Basic Privacy Enhanced Privacy AES256 Encryption Default Voice Announcement Programmable Voice Announcement Text-to-Speech Voice Announcement Radio Management Over the Air Programming (OTAP) Restricted Access to System	Initiates emergency if user does not respond to periodic alerts Radio can remotely activate another radio's microphone Voice activated calling allows handsfree operation Blocks feedback from other radios to eliminate "howling" User can enter and send free-form text messages Radio can send pre-programmed text messages Vibrate silently alerts the user to an incoming call Disable display, LEDs and audible tones for ultimate discretion Ability to connect to telephone system (requires additional hardware) Radio transmissions can be interrupted by other radios Radio can interrupt transmissions from other radios MOTOTRBO 16-bit encryption for protection against eavesdropping MOTOTRBO 40-bit encryption for more robust protection Advanced Encryption Standard (AES) 256-bit encryption Audible confirmation of selected operations of the radio that is a constant of the radio of	Yes Yes Pes Decode Only Yes No No No Yes No No No Yes No Yes No Yes No Yes No No Yes No No Yes No No Yes No No Yes Yes No No Yes No Yes	Yes Yes Decode Only Yes Yes Yes No Yes No No Option Yes Option Yes Option No Yes Option No Yes	No	Yes Yes Yes Yes Yes Yes Yes Yes No No No No Yes Yes Yes Yes Yes Yes Option Yes		Yes	Yes Yes Yes Yes Yes Yes Yes No Yes No No No Yes Yes Yes Yes Yes Yes Yes Option Yes	Yes Decode Only Yes No Yes No No No No No Yes	Yes	No Yes Yes Decode Only Yes No No No Yes No No No No No Yes No No Yes No Yes No No Yes	Yes Yes Yes Yes Yes Yes Yes No Yes No Optic Yes Optic No Yes Optic No Yes Yes Yes Yes Yes Yes Yes	Yes	
Control Station Mobile acts as the RF link between an Application Server and the radio network MUA NIA NIA NIA NIA NIA NIA NIA NIA NIA NI	VOX (supported on radio) Audio Feedback Suppressor Freeform Text Messaging Pre-programmed Text Messaging Vibrate Alert Covert Mode Digital Telephone Patch Transmit Interrupt Decode Transmit Interrupt Encode Basic Privacy Enhanced Privacy AES256 Encryption Default Voice Announcement Programmable Voice Announcement Radio Management Over the Air Programming (OTAP) Restricted Access to System Radio Enable/Disable	Initiates emergency if user does not respond to periodic alerts Radio can remotely activate another radio's microphone Voice activated calling allows handsfree operation Blocks feedback from other radios to eliminate "howling" User can enter and send free-form text messages Radio can send pre-programmed text messages Vibrate silently alerts the user to an incoming call Disable display, LEDs and audible tones for ultimate discretion Ability to connect to telephone system (requires additional hardware) Radio transmissions can be interrupted by other radios Radio can interrupt transmissions from other radios MOTOTRBO 16-bit encryption for protection against eavesdropping MOTOTRBO 40-bit encryption for more robust protection Advanced Encryption Standard (AES) 256-bit encryption Audible confirmation of selected operations of the radio t Ability to use customised recordings for voice announcements Radio "reads out" Channel, Zone, Functions, Text Messages, Job Tickets Centralised radio configuration and code plug management Remote, over-air programming using Radio Management Prevents unauthorised users from communicating through the repeater Radio can remotely disable and re-enable another radio	Yes Yes Yes Decode Only Yes No No No Yes No No No Yes No Yes No Yes No Yes No Yes Decode Only	Yes	No Decode Only	Yes Yes Yes Yes Yes Yes Yes Yes No No No Yes Yes Yes Yes Yes Yes Yes Yes Yes Option Yes		Yes	Yes Yes Yes Yes Yes Yes Yes Yes No Yes No No Yes Yes Yes Yes Yes Yes Option Yes Yes Option Yes Yes Yes Option Yes Yes Yes Option Yes Yes Yes Option Yes Yes	Yes Decode Only Yes No Yes No No No No Yes No Yes No Yes No Yes No Yes Yes No Yes Decode Only	Yes	No Yes Yes Decode Only Yes No No Yes No No Yes No No Yes No No Yes No Yes No No Yes No No Yes No No Yes No No Yes Decode Only	Yes Yes Yes Yes Yes Yes Yes No No Optic Yes Optic No Yes Optic No Yes Yes Optic No Yes Yes Optic No Yes Yes Optic No Yes Yes Yes No Yes	Yes	
Remote Mount Control Head Control and display can be located separately from radio chassis N/A	VOX (supported on radio) Audio Feedback Suppressor Freeform Text Messaging Pre-programmed Text Messaging Vibrate Alert Covert Mode Digital Telephone Patch Transmit Interrupt Decode Transmit Interrupt Decode Transmit Interrupt Encode Basic Privacy Enhanced Privacy AES256 Encryption Default Voice Announcement Programmable Voice Announcement Text-to-Speech Voice Announcement Radio Management Over the Air Programming (OTAP) Restricted Access to System Radio Enable/Disable Integrated Mandown Dual Capacity Direct Mode	Initiates emergency if user does not respond to periodic alerts Radio can remotely activate another radio's microphone Voice activated calling allows handsfree operation Blocks feedback from other radios to eliminate "howling" User can enter and send free-form text messages Radio can send pre-programmed text messages Vibrate silently alerts the user to an incoming call Disable display, LEDs and audible tones for ultimate discretion Ability to connect to telephone system (requires additional hardware) Radio transmissions can be interrupted by other radios Radio can interrupt transmissions from other radios MOTOTRBO 16-bit encryption for protection against eavesdropping MOTOTRBO 40-bit encryption for more robust protection Advanced Encryption Standard (AES) 256-bit encryption Adulble confirmation of selected operations of the radio thilly to use customised recordings for voice announcements the Radio "reads out" Channel, Zone, Functions, Text Messages, Job Tickets Centralised radio configuration and code plug management Remote, over-air programming using Radio Management Prevents unauthorised users from communicating through the repeater Radio can remotely disable and re-enable another radio Enhance personnel safety by monitoring movement Use both TDMA time slots to double system capacity without a repeater	Yes Yes Pesodo Only Yes No No No Yes No No No Yes No No Yes No Yes No Yes No	Yes	No Decode Only	Yes Yes Yes Yes Yes Yes Yes Yes No Yes No No Yes		Yes	Yes Yes Yes Yes Yes Yes Yes Yes No Yes No No Yes	Yes Decode Only Yes No Yes No No No No Yes No No Yes No Yes No Yes No Yes Yes No Yes	Yes	No Yes Yes Decode Only Yes No No No No No No No No Yes No Yes No Yes No Yes No No Yes No No No No No Yes No No No No No No Yes No No Yes No No Yes Yes No Yes	Yes Yes Yes Yes Yes Yes Yes Yes No Yes No Optic Yes Optic Yes Optic Yes Yes Yes Yes No No Yes Yes No Yes Yes No Yes Yes No Yes Yes Yes Yes Yes Yes Yes	Yes	
Data ADKs Available Data Application Developer Kits are available to ADP members No No No Yes No No No Yes No	VOX (supported on radio) Audio Feedback Suppressor Freeform Text Messaging Pre-programmed Text Messaging Vibrate Alert Covert Mode Digital Telephone Patch Transmit Interrupt Decode Transmit Interrupt Decode Basic Privacy Enhanced Privacy AES256 Encryption Default Voice Announcement Programmable Voice Announcement Radio Management Over the Air Programming (OTAP) Restricted Access to System Radio Enable/Disable Integrated Mandown Dual Capacity Direct Mode Fixed Installation	Initiates emergency if user does not respond to periodic alerts Radio can remotely activate another radio's microphone Voice activated calling allows handsfree operation Blocks feedback from other radios to eliminate "howling" User can enter and send free-form text messages Radio can send pre-programmed text messages Vibrate silently alerts the user to an incoming call Disable display, LEDs and audible tones for ultimate discretion Ability to connect to telephone system (requires additional hardware) Radio transmissions can be interrupted by other radios Radio can interrupt transmissions from other radios MOTOTRBO 16-bit encryption for protection against eavesdropping MOTOTRBO 40-bit encryption for more robust protection Advanced Encryption Standard (AES) 256-bit encryption Audible confirmation of selected operations of the radio thability to use customised recordings for voice announcements Radio "reads out" Channel, Zone, Functions, Text Messages, Job Tickets Centralised radio configuration and code plug management Remote, over-air programming using Radio Management Prevents unauthorised users from communicating through the repeater Radio can remotely disable and re-enable another radio Enhance personnel safety by monitoring movement Use both TDMA time slots to double system capacity without a repeater Mobile radios can be used in a fixed installation such as a control room	Yes Yes Pesode Only Yes No No No Yes No No Yes Yes No Yes Yes No Yes	Yes	No Decode Only	Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No Yes Yes Yes Yes Yes Yes Option Yes		Yes	Yes Yes Yes Yes Yes Yes Yes Yes No Yes No No No Yes Yes Yes Yes Yes Yes Yes Option Yes Yes Yes Option Yes Yes Yes Option Yes Yes Yes No No No No Yes Yes No No No No Yes Yes No No No No No No Yes Yes No No No Yes No No Yes	Yes Decode Only Yes No Yes No No No No Yes No Yes No Yes No Yes No Yes Yes No Yes Yes No Yes No Yes No Yes No Yes No Yes	Yes	No Yes Yes Decode Only Yes No No No Yes No No No No No Yes Yes No No Yes Yes No Yes Yes No Yes Yes No Yes Yes No Yes No Yes Yes No Yes No Yes	Yes Yes Yes Yes Yes Yes Yes Yes No Yes No Optic Yes Optic No Yes Yes Yes No Yes Yes No Yes Yes No Yes Yes No Yes Yes Yes Yes Yes Yes Yes Yes	Yes	
Direct Mode Operation Direct radio-to-radio operation Press Pes Pes Pes Pes Pes Pes Pes Pes Pes	VOX (supported on radio) Audio Feedback Suppressor Freeform Text Messaging Pre-programmed Text Messaging Vibrate Alert Covert Mode Digital Telephone Patch Transmit Interrupt Decode Transmit Interrupt Encode Basic Privacy Enhanced Privacy AES256 Encryption Default Voice Announcement Programmable Voice Announcement Radio Management Over the Air Programming (OTAP) Restricted Access to System Radio Enable/Disable Integrated Mandown Dual Capacity Direct Mode Fixed Installation Control Station	Initiates emergency if user does not respond to periodic alerts Radio can remotely activate another radio's microphone Voice activated calling allows handsfree operation Blocks feedback from other radios to eliminate "howling" User can enter and send free-form text messages Radio can send pre-programmed text messages Vibrate sitently alerts the user to an incoming call Disable display, LEDs and audible tones for ultimate discretion Ability to connect to telephone system (requires additional hardware) Radio transmissions can be interrupted by other radios Radio can interrupt transmissions from other radios MOTOTRBO 16-bit encryption for protection against eavesdropping MOTOTRBO 40-bit encryption for more robust protection Advanced Encryption Standard (AES) 256-bit encryption Audible confirmation of selected operations of the radio thability to use customised recordings for voice announcements Radio "reads out" Channel, Zone, Functions, Text Messages, Job Tickets Centralised radio configuration and code plug management Remote, over-air programming using Radio Management Remote, over-air programming using Radio Management Prevents unauthorised users from communicating through the repeater Radio can remotely disable and re-enable another radio Enhance personnel safety by monitoring movement Use both TDMA time slots to double system capacity without a repeater Mobile radios can be used in a fixed installation such as a control room Mobile acts as the RF link between an Application Server and the radio network	Yes Yes Yes Decode Only Yes No No No Yes No No Yes No Yes No Yes No Yes No Yes Yes Yes No Yes Yes No No Yes No No Yes No No Yes No Yes No No Yes	Yes	No Decode Only	Yes Yes Yes Yes Yes Yes Yes Yes No No Yes No No Yes		Yes	Yes Yes Yes Yes Yes Yes Yes No No Yes No No Yes	Yes Decode Only Yes No Yes No No No No Yes No Yes No Yes No Yes No Yes Yes No Yes	Yes	No Yes Yes Decode Only Yes No No No Yes No No No Yes No No Yes No Yes No No Yes Yes No No Yes	Yes Yes Yes Yes Yes Yes Yes Yes No Yes No No Optic Yes Optic No Yes Optic No Yes Yes No Yes No Yes No Yes	Yes	
Single-Site Conventional Single site conventional operation (channel selection by users) PS Yes	VOX (supported on radio) Audio Feedback Suppressor Freeform Text Messaging Pre-programmed Text Messaging Vibrate Alert Covert Mode Digital Telephone Patch Transmit Interrupt Decode Transmit Interrupt Encode Basic Privacy Enhanced Privacy AES256 Encryption Default Voice Announcement Programmable Voice Announcement Programmable Voice Announcement Text-to-Speech Voice Announcement Radio Management Over the Air Programming (OTAP) Restricted Access to System Radio Enable/Disable Integrated Mandown Dual Capacity Direct Mode Fixed Installation Control Station Remote Mount Control Head	Initiates emergency if user does not respond to periodic alerts Radio can remotely activate another radio's microphone Voice activated calling allows handsfree operation Blocks feedback from other radios to eliminate "howling" User can enter and send free-form text messages Radio can send pre-programmed text messages Vibrate silently alerts the user to an incoming call Disable display, LEDs and audible tones for ultimate discretion Ability to connect to telephone system (requires additional hardware) Radio transmissions can be interrupted by other radios Radio can interrupt transmissions from other radios MOTOTRBO 16-bit encryption for protection against eavesdropping MOTOTRBO 40-bit encryption for more robust protection Advanced Encryption Standard (AES) 256-bit encryption Audible confirmation of selected operations of the radio thability to use customised recordings for voice announcements Radio "reads out" Channel, Zone, Functions, Text Messages, Job Tickets Centralised radio configuration and code plug management Prevents unauthorised users from communicating through the repeater Radio can remotely disable and re-enable another radio Enhance personnel safety by monitoring movement Use both TDMA time slots to double system capacity without a repeater Mobile radios can be used in a fixed installation such as a control room Mobile acts as the RF link between an Application Server and the radio network Controls and display can be located separately from radio chassis	Yes Yes Yes Decode Only Yes No No No Yes No No No Yes No No Yes No Yes No No Yes No No Yes No No Yes Yes No No Yes Yes No	Yes	No Decode Only	Yes Yes Yes Yes Yes Yes Yes Yes No No Yes No No Yes Yes Yes Yes Yes Yes Yes Option Yes Yes Yes Yes Yes Option Yes Yes Yes Yes No No Yes Yes No No Yes		Yes	Yes Yes Yes Yes Yes Yes Yes Yes No No Yes No No Yes Yes Yes Yes Yes Yes Yes Option Yes Yes Yes Option Yes Yes No No No Yes Yes Yes Option Yes Yes No No Yes Yes Option Yes Yes Option Yes Yes No No Yes Yes Pes Decode Only No Yes N/A N/A N/A N/A N/A N/A	Yes Decode Only Yes No Yes No No No No Yes No No Yes No Yes No Yes No Yes Yes No No No Yes No No No Yes No	Yes	No Yes Yes Decode Only Yes No No No No No No No No Yes No No Yes No Yes No Yes No No Yes No No Yes Yes Yes Yes Yes No Yes No Yes No Yes No No No Yes No No Yes No No Yes No	Yes Yes Yes Yes Yes Yes Yes Yes No Yes No No Optic Yes Optic Yes No Yes Optic Yes Yes No Yes Yes No Yes Yes No Yes Yes Yes Yes Yes No Yes Yes No Yes Yes No Yes	Yes	
P Site Connect Multi-site conventional operation (channel selection by users) Option Yes Yes Yes Option Yes Yes Yes Option Yes No Option Yes	VOX (supported on radio) Audio Feedback Suppressor Freeform Text Messaging Pre-programmed Text Messaging Vibrate Alert Covert Mode Digital Telephone Patch Transmit Interrupt Decode Transmit Interrupt Encode Basic Privacy Enhanced Privacy AES256 Encryption Default Voice Announcement Programmable Voice Announcement Programmable Voice Announcement Text-to-Speech Voice Announcement Radio Management Over the Air Programming (OTAP) Restricted Access to System Radio Enable/Disable Integrated Mandown Dual Capacity Direct Mode Fixed Installation Control Station Remote Mount Control Head	Initiates emergency if user does not respond to periodic alerts Radio can remotely activate another radio's microphone Voice activated calling allows handsfree operation Blocks feedback from other radios to eliminate "howling" User can enter and send free-form text messages Radio can send pre-programmed text messages Vibrate silently alerts the user to an incoming call Disable display, LEDs and audible tones for ultimate discretion Ability to connect to telephone system (requires additional hardware) Radio transmissions can be interrupted by other radios Radio can interrupt transmissions from other radios MOTOTRBO 16-bit encryption for protection against eavesdropping MOTOTRBO 40-bit encryption for more robust protection Advanced Encryption Standard (AES) 256-bit encryption Audible confirmation of selected operations of the radio thability to use customised recordings for voice announcements Radio "reads out" Channel, Zone, Functions, Text Messages, Job Tickets Centralised radio configuration and code plug management Prevents unauthorised users from communicating through the repeater Radio can remotely disable and re-enable another radio Enhance personnel safety by monitoring movement Use both TDMA time slots to double system capacity without a repeater Mobile radios can be used in a fixed installation such as a control room Mobile acts as the RF link between an Application Server and the radio network Controls and display can be located separately from radio chassis	Yes Yes Yes Decode Only Yes No No No Yes No No No Yes No No Yes No Yes No No Yes No No Yes No No Yes Yes No No Yes Yes No	Yes	No Decode Only	Yes Yes Yes Yes Yes Yes Yes Yes No No Yes No No Yes Yes Yes Yes Yes Yes Yes Option Yes Yes Yes Yes Yes Option Yes Yes Yes Yes No No Yes Yes No No Yes		Yes	Yes Yes Yes Yes Yes Yes Yes Yes No No Yes No No Yes Yes Yes Yes Yes Yes Yes Option Yes Yes Yes Option Yes Yes No No No Yes Yes Yes Option Yes Yes No No Yes Yes Option Yes Yes Option Yes Yes No No Yes Yes Pes Decode Only No Yes N/A N/A N/A N/A N/A N/A	Yes Decode Only Yes No Yes No No No No Yes No No Yes No Yes No Yes No Yes Yes No No No Yes No No No Yes No	Yes	No Yes Yes Decode Only Yes No No No No No No No No Yes No No Yes No Yes No Yes No No Yes No No Yes Yes Yes Yes Yes No Yes No Yes No Yes No No No Yes No No Yes No No Yes No	Yes Yes Yes Yes Yes Yes Yes Yes No Yes No No Optic Yes Optic Yes No Yes Optic Yes Yes No Yes Yes No Yes Yes No Yes Yes Yes Yes Yes No Yes Yes No Yes Yes No Yes	Yes	
Capacity Plus Single site MOTOTRBO trunking (channel selection managed by system) No Option Yes Yes No Yes No Option Yes Linked Capacity Plus Multi-site MOTOTRBO trunking (channel selection managed by system) No Option Yes Yes No Yes No Option Yes	VOX (supported on radio) Audio Feedback Suppressor Freeform Text Messaging Pre-programmed Text Messaging Vibrate Alert Covert Mode Digital Telephone Patch Transmit Interrupt Decode Transmit Interrupt Decode Transmit Interrupt Encode Basic Privacy Enhanced Privacy AES256 Encryption Default Voice Announcement Programmable Voice Announcement Programmable Voice Announcement Toxt-to-Speech Voice Announcement Radio Management Over the Air Programming (OTAP) Restricted Access to System Radio Enable/Disable Integrated Mandown Dual Capacity Direct Mode Fixed Installation Control Station Remote Mount Control Head Data ADKs Available	Initiates emergency if user does not respond to periodic alerts Radio can remotely activate another radio's microphone Voice activated calling allows handsfree operation Blocks feedback from other radios to eliminate "howling" User can enter and send free-form text messages Radio can send pre-programmed text messages Vibrate silently alerts the user to an incoming call Disable display, LEDs and audible tones for ultimate discretion Ability to connect to telephone system (requires additional hardware) Radio transmissions can be interrupted by other radios Radio can interrupt transmissions from other radios MOTOTRBO 16-bit encryption for protection against eavesdropping MOTOTRBO 40-bit encryption for more robust protection Advanced Encryption Standard (AES) 256-bit encryption Audible confirmation of selected operations of the radio that alice of the configuration and code plug management Radio "reads out" Channel, Zone, Functions, Text Messages, Job Tickets Centralised radio configuration and code plug management Prevents unauthorised users from communicating through the repeater Radio can remotely disable and re-enable another radio Enhance personnel safety by monitoring movement Use both TDMA time slots to double system capacity without a repeater Mobile radios can be used in a fixed installation such as a control room Mobile acts as the RF link between an Application Server and the radio network Controls and display can be located separately from radio chassis Data Application Developer Kits are available to ADP members	Yes Yes Yes Decode Only Yes No No No Yes No No Yes No No Yes No Yes No Yes No No Yes No Yes Yes No No Yes No No Yes No No Yes	Yes	No Decode Only	Yes Yes Yes Yes Yes Yes Yes Yes No No No Yes Yes Yes Yes Yes Yes Yes Option Yes		Yes	Yes Yes Yes Yes Yes Yes Yes Yes No Yes No No No Yes Yes Yes Yes Yes Option Yes Yes Yes Option Yes Yes Option Yes Yes Option Yes Yes	Yes Decode Only Yes No Yes No No No No Yes No No Yes	Yes	No	Yes Yes Yes Yes Yes Yes Yes No No No Optic Yes Optic No Yes Yes No Yes	Yes	
Linked Capacity Plus Multi-site MOTOTRBO trunkling (channel selection managed by system) No Option Yes Yes No Yes No Option Yes	VOX (supported on radio) Audio Feedback Suppressor Freeform Text Messaging Pre-programmed Text Messaging Vibrate Alert Covert Mode Digital Telephone Patch Transmit Interrupt Decode Transmit Interrupt Decode Transmit Interrupt Encode Basic Privacy Enhanced Privacy AES256 Encryption Default Voice Announcement Programmable Voice Announcement Text-to-Speech Voice Announcement Radio Management Over the Air Programming (OTAP) Restricted Access to System Radio Enable/Disable Integrated Mandown Dual Capacity Direct Mode Fixed Installation Control Station Remote Mount Control Head Data ADKs Available Direct Mode Operation Single-Site Conventional	mitiates emergency if user does not respond to periodic alerts Radio can remotely activate another radio's microphone Voice activated calling allows handsfree operation Blocks feedback from other radios to eliminate "howling" User can enter and send free-form text messages Radio can send pre-programmed text messages Vibrate silently alerts the user to an incoming call Disable display, LEDs and audible tones for ultimate discretion Ability to connect to telephone system (requires additional hardware) Radio transmissions can be interrupted by other radios Radio can interrupt transmissions from other radios MOTOTRBO 16-bit encryption for protection against eavesdropping MOTOTRBO 40-bit encryption for more robust protection Advanced Encryption Standard (AES) 256-bit encryption Audible confirmation of selected operations of the radio t Ability to use customised recordings for voice announcements Radio "reads out" Channel, Zone, Functions, Text Messages, Job Tickets Centralised radio configuration and code plug management Remote, over-air programming using Radio Management Prevents unauthorised users from communicating through the repeater Radio can remotely disable and re-enable another radio Enhance personnel safety by monitoring movement Use both TDMA time slots to double system capacity without a repeater Mobile radios can be used in a fixed installation such as a control room Mobile acts as the RF link between an Application Server and the radio network Controls and display can be located separately from radio chassis Data Application Developer Kits are available to ADP members	Yes Yes Yes Decode Only Yes No No No Yes No No Yes No No Yes No Yes No No Yes Yes No No Yes No Yes No No Yes No Yes No No No Yes No No Yes No No Yes No No Yes	Yes	No Decode Only	Yes Yes Yes Yes Yes Yes Yes Yes No No No No Yes Yes Yes Yes Yes Yes Yes Option Yes		Yes	Yes	Yes Decode Only Yes No Yes No No No No Yes No No Yes No No Yes No Yes No No Yes No Yes No No Yes	Yes	No	Yes Yes Yes Yes Yes Yes Yes Yes No Yes No No Optic Yes Optic No Yes Optic No Yes Ves No Yes No Yes No Yes Yes Yes Yes No No Yes	Yes	
Connect Plus Multi-site MOTOTRB0 trunking with dedicated control channel No Option No Option No Option	VOX (supported on radio) Audio Feedback Suppressor Freeform Text Messaging Pre-programmed Text Messaging Vibrate Alert Covert Mode Digital Telephone Patch Transmit Interrupt Decode Transmit Interrupt Encode Basic Privacy Enhanced Privacy AES256 Encryption Default Voice Announcement Programmable Voice Announcement Programmable Voice Announcement Text-to-Speech Voice Announcement Over the Air Programming (OTAP) Restricted Access to System Radio Enable/Disable Integrated Mandown Dual Capacity Direct Mode Fixed Installation Control Station Remote Mount Control Head Data ADKs Available Direct Mode Operation Single-Site Conventional IP Site Connect	Initiates emergency if user does not respond to periodic alerts Radio can remotely activate another radio's microphone Voice activated calling allows handsfree operation Blocks feedback from other radios to eliminate "howling" User can enter and send free-form text messages Radio can send pre-programmed text messages Vibrate silently alerts the user to an incoming call Disable display, LEDs and audible tones for ultimate discretion Ability to connect to telephone system (requires additional hardware) Radio transmissions can be interrupted by other radios Radio can interrupt transmissions from other radios MOTOTRBO 16-bit encryption for protection against eavesdropping MOTOTRBO 40-bit encryption for more robust protection Advanced Encryption Standard (AES) 256-bit encryption Audible confirmation of selected operations of the radio thability to use customised recordings for voice announcements Radio "reads out" Channel, Zone, Functions, Text Messages, Job Tickets Centralised radio configuration and code plug management Remote, over-air programming using Radio Management Remote, over-air programming using Radio Management Prevents unauthorised users from communicating through the repeater Radio can remotely disable and re-enable another radio Enhance personnel safety by monitoring movement Use both TDMA time slots to double system capacity without a repeater Mobile radios can be used in a fixed installation such as a control room Mobile acts as the RF link between an Application Server and the radio network Controls and display can be located separately from radio chassis Data Application Developer Kits are available to ADP members Direct radio-to-radio operation (channel selection by users) Multi-site conventional operation (channel selection by users)	Yes Yes Yes Decode Only Yes No No No Yes No No No Yes No No Yes No Yes No No Yes No No Yes No No Yes Yes No Yes Option	Yes	No Decode Only	Yes Yes Yes Yes Yes Yes Yes Yes No No Yes No No Yes Yes Yes Yes Yes Yes Option Yes		Yes	Yes	Yes Decode Only Yes No Yes No No No No No Yes No No Yes No No Yes Option	Yes	No Yes Yes Decode Only Yes No No No No No No No Yes No No Yes No Yes No No Yes No No No No No No No No No Yes No No No No No Yes Yes Yes No No Yes No No Yes No No No No No	Yes Yes Yes Yes Yes Yes Yes Yes No Yes No Optic Yes Optic Yes Optic Yes Optic Yes Optic No Yes	Yes	
	VOX (supported on radio) Audio Feedback Suppressor Freeform Text Messaging Pre-programmed Text Messaging Vibrate Alert Covert Mode Digital Telephone Patch Transmit Interrupt Decode Transmit Interrupt Decode Transmit Interrupt Encode Basic Privacy Enhanced Privacy AES256 Encryption Default Voice Announcement Programmable Voice Announcement Programmable Voice Announcement Radio Management Over the Air Programming (OTAP) Restricted Access to System Radio Enable/Disable Integrated Mandown Dual Capacity Direct Mode Fixed Installation Control Station Remote Mount Control Head Data ADKs Available Direct Mode Operation Single-Site Conventional IP Site Connect Capacity Plus Linked Capacity Plus	Initiates emergency if user does not respond to periodic alerts Radio can remotely activate another radio's microphone Voice activated calling allows handsfree operation Blocks feedback from other radios to eliminate "howling" User can enter and send free-form text messages Radio can send pre-programmed text messages Vibrate silently alerts the user to an incoming call Disable display, LEDs and audible tones for ultimate discretion Ability to connect to telephone system (requires additional hardware) Radio transmissions can be interrupted by other radios Radio can interrupt transmissions from other radios MOTOTRBO 16-bit encryption for protection against eavesdropping MOTOTRBO 40-bit encryption for more robust protection Advanced Encryption Standard (AES) 256-bit encryption Audible confirmation of selected operations of the radio that alice confirmation of selected operations of the radio Centralised radio configuration and code plug management Remote, over-air programming using Radio Management Prevents unauthorised users from communicating through the repeater Radio can remotely disable and re-enable another radio Enhance personnel safety by monitoring movement Use both TDMA time slots to double system capacity without a repeater Mobile radios can be used in a fixed installation such as a control room Mobile acts as the RF link between an Application Server and the radio network Controls and display can be located separately from radio chassis Data Application Developer Kits are available to ADP members Direct radio-to-radio operation Single site MOTOTRBO trunking (channel selection by users) Single site MOTOTRBO trunking (channel selection managed by system)	Yes Yes Yes Decode Only Yes No No No Yes No No Yes Option No No	Yes	No Decode Only	Yes Yes Yes Yes Yes Yes Yes Yes No No No No Yes Yes Yes Yes Yes Yes Yes Option Yes		Yes	Yes	Yes Decode Only Yes No Yes No No No No Yes No No Yes No No Yes No Yes No Yes No Yes No Yes Yes No Yes No Yes October No Yes October No Yes October No Yes No No Yes No Yes No No Yes October No No No No No No No No	Yes	No	Yes Yes Yes Yes Yes Yes Yes No Yes No No Optic Yes Optic No Yes Yes Yes No Yes Yes Yes Yes No Yes Yes Optic Opti	Yes	

¹ Integrated Bluetooth and GPS are supported on DP4401, DP4601, DP4801, DM4401 & DM4601 only

² Based on NiMH battery
3 Based on standard Li-lon battery
4 Option board capability on SL4010 only

Requires keypad microphone
 PD4401, DP4801, DP4801 Ex are available with MPT Option Board factory fitted
 DP1400, DM1400 and DM1600 analogue-only models can be upgraded to MOTOTRBO digital by purchasing a software license.

⁹ SL1600 Programmable Button can scroll through up to 7 features

School Programmation button can scrott intrough up to 7 reatures

18 Requires IMPRES battery

19 Event & distance driven location updates only supported on models with built-in GPS

10 Only DP2400, DP4401, DP4801, DM4401 and DM4801 available in 300MHz versions

¹³ DP4401 & DP4801 VHF & UHF models only

DM4401: 300MHz models only, DM4601: all models
 VHF models: 45W / 300MHz & UHF models: 40W